

Rare Plants of Louisiana



Salix caroliniana - coastal plain willow Willow Family (Salicaceae)

Rarity Rank: S1/G5

	1	2	3	4	5
State					
Global					
	imperiled		rare		secure

Range: TX north to KS then eastward to PA and FL

Recognition:

- Small tree, up to 20 m tall
- Mature leaves whitish underneath, sparsely pubescent (particularly along the midribs) and up to 2.5 cm wide (leaves of other Louisiana willows are green to yellow-green below)
- Leaf margins finely toothed, the teeth with yellowish glandular tips
- Stipules broadly kidney-shaped, often persistent during the growing season

Flowering Time: February to April

Light Requirement: Full sun to part shade

Wetland Indicator Status:

OBL – almost always in wetlands

Habitat:

In the southeast US occurs along river banks, sand and gravel bars, ditches, swamps and marshes. The lone documented Louisiana record is in a depression in pine flatwoods near Slidell. Reports from parishes other than St. Tammany warrant investigation as these are apparently based on old specimens housed at US National Herbarium, US National Arboretum, and New York Botanical Garden that need to be examined.

Threats:

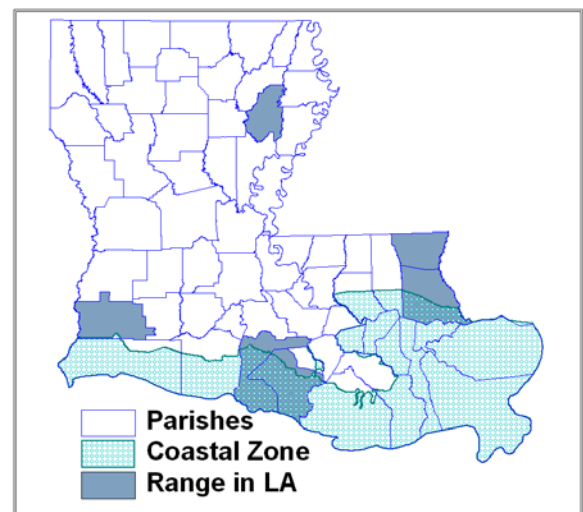
- Residential and commercial development
- Lack of status information

Beneficial Management Practices:

Investigate historical reports; verify identification of voucher specimens



Robert H. Mohlenbrock @ USDA-NRCS PLANTS Database / USDA SCS. 1991. *Southern wetland flora: Field office guide to plant species*. South National Technical Center, Fort Worth, TX



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LA River Basins: Pearl, Pontchartrain, Atchafalaya, Vermilion-Teche, Calcasieu, Sabine, Ouachita.



USDA-NRCS PLANTS Database / Britton, N.L., and A. Brown. 1913. *Illustrated flora of the northern states and Canada*. Vol. 1: 593.

References:

- Duncan, W. H. and M. B. Duncan. 1987. *The Smithsonian guide to seaside plants of the Gulf and Atlantic coasts*. Smithsonian Institution Press, Washington DC. 409 pp.
- Thomas, R. D. and C. M. Allen. 1998. *Atlas of the vascular flora of Louisiana*. Vol. 3. Louisiana Department of Wildlife and Fisheries, Baton Rouge.
- Tobe, J. D., K. C. Burks, R. W. Cantrell, M. A. Garland, M. E. Sweeley, D. W. Hall, P. Wallace, G. Anglin, G. Nelson, J. R. Cooper, D. Bickner, K. Gilbert, N. Aymond, K. Greenwood, and N. Raymond. 1998. *Florida wetland plants: an identification manual*. Tallahassee: Florida Department of Environmental Protection. 598 pp.
- USDA, NRCS. 2007. The PLANTS Database (<http://plants.usda.gov>). National Plant Data Center, Baton Rouge, LA 70874-4490 USA.

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